

# The Central New Yorker

## ASHRAE Newsletter

The CNY Chapter of the American Society of  
Heating, Refrigerating and Air Conditioning Engineers

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## The President's Message

I hope everyone had a wonderful Thanksgiving, look out here comes Santa Claus!

I would like start by saying thank you to our DRC Spencer Morasch for saving day for us and filling in for our scheduled speaker, Joel Southwell (Fulton Boiler), who had vehicle problems and could not attend. Spencer gave a great presentation of ASHRAE, Region 1. Attendees were very interested in the information provided and we had great discussions.

Also, I would like to extend my appreciation to Phil Peterson of Peterson Engineering for heading up the scholarship committee, to Jim Hart of C&S Tech our Student Activities Chair, they both have done a great job. Scholarship were handed out to 3 recipients from SUNY Canton. Mike Newtown, Program Instructor at SUNY Canton informed us that his program and lab equipment are getting an upgrade this year and members offered their key points that he may want to cover because of the new and exciting changes in our industry.

Don Middleton, Membership Chair and his committee, are working very hard on membership retention. They have contacted members who's membership dues are due and diligently working on getting all members caught up and paid.

Mark Yonnick, Research and Promotion Chair and his committee is doing a great job at working on securing donations. If you would like to make a donation please contact Mark.

Reminder our Holiday Party is approaching. It is on a new night, Thursday, December 15, 2011 at 5:30 p.m. at Coleman's Irish Pub (upstairs) on Tipperary Hill, \$35.00 per person. Please get your reservations to Richard Kimball, by December 12<sup>th</sup> and guests, partners and spouses are welcome!!

The ASHRAE Winter Meeting is in Chicago, Illinois. Region 1 is hosting a dinner at the Annual Meeting, more information on the ASHRAE Region 1 Web Site.

Respectfully,  
Steve C. Sill  
President

### ASHRAE Holiday Party: Decmber 15, 2011

Location: Coleman's Irish Pub (upstairs)  
100 South Lowell Avenue, Syracuse, NY 13204

Time: 5:30 p.m. – ?? p.m.

Cost: \$35.00 per person and a cash bar

Reservations: Rich Kimball 315.422.5200 or rkimball@bergmannpc.com

**We have a new website address:** <http://www.cnyashrae.org>,  
this can be used to make reservations and chapter information.

*Statements made in this publication are not expressions of the Society or of the chapter and may not be reproduced without special permission of the chapter.*

# Research Promotion

Central New York manufacturers will be in full force at this January's AHR Expo in Chicago. If you plan on attending the Expo, please visit the following companies who've committed to exhibit their products and technologies:

- ◆ Carrier – Carlyle Compressor Division
- ◆ ECR International
- ◆ Fulton Companies
- ◆ Flex-Hose Co.
- ◆ ICM Controls Corporation
- ◆ Intertek
- ◆ ITT Residential & Commercial water
- ◆ NFICON
- ◆ Nortec Industries, Inc.
- ◆ NuClimate Air Quality Systems, Inc.
- ◆ Radiant Professionals Alliance (RPA)
- ◆ Roth
- ◆ Synex Controls
- ◆ Toshiba International Corporation
- ◆ Tricon Piping Systems, Inc.



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As Winter begins to take hold of the region, rest assured the now famous **Chapter Golf and Clam Bake outings** will again take place in June 2012 (*dates TBA*). These events are major contributors to our Chapter's RP donation campaign and we eagerly await the warm weather!

Thank you,  
Mark Yonnick  
*Research Promotion*

# DOE Regional Requirement Approval

**DOE** confirms adoption of new residential appliance standard for heat pumps, furnaces and central air conditioners. The country will be divided into three regions (North, Southeast, and South-east) and equipment for each region must comply with regional efficiency standards.

The northern region includes New York as well as any other states with population-weighted heating degree days (HDD) equal to or greater than 5,000. Furnaces in the northern region will be required to have an AFUE of 90 percent or more.

The South eastern includes states with population weighted HDD less than 5,000 (Alabama, Florida, etc.) The Southwestern region will include Arizona, California, and New Mexico. Both the Southeastern and Southwestern regions will require central air conditioners with a SEER of 14 to be installed.

This ruling is not supported by many people in the industry as this decision could have many unforeseen effects, especially for smaller businesses.

The policing of the new regulations has not been completely hashed out yet. Currently an enforcement policy is being developed to reduce hardship of the new regional standards on the small business contractors in the industry while staying true to the new guidelines.

While these new policies may put additional liability on the HVAC contractors these standards will not go into play immediately. The rules take effect in May 2013 for non-weatherized furnaces, and January 2015 for weatherized furnaces, heat pumps, and central air conditioners. This will hopefully allow affected businesses to put together a gameplan for the impending changes that will strike a balance within the new guidelines.

## Health Care Facilities LEED

**T**he USGBC has announced a new program for Health Care facilities and hospitals which goes beyond the new construction rating system that previously would govern these types of construction. Some of the new credits under this program include “Places of Respite” credit, toxic credits (mercury and environmental quality), and “Acoustic Environment” credit.

Although there are a few new credits this program also borrows from the current new construction rating system. This is beneficial as it doesn’t require learning an entirely different set of credit requirements for LEED AP and reviewers alike (why reinvent the wheel).

From a design standpoint the ventilation standards to keep in mind during the initial stages are slightly more broad. The new program will reference ASHRAE 62.1, ASHRAE 170 “Ventilation of Healthcare facilities” and the Facilities Guidelines Institute “Guidelines for Design and Construction of Health Care Facilities” for the Indoor Air Quality prerequisite.

Another new credit is a prerequisite for “Integrated Project Planning and Design.” This will require all members of the project team (Owners, Facility Managers and Medical Professionals) be involved in the design process to better understand the LEED goals. This will allow for the facility team to better understand how to regulate the building’s mechanical system on going operations.

The biggest challenge that comes with these regulations from an HVAC design standpoint is the balancing of energy efficiency in the mechanical systems with infection control. Currently this program is in place and there are several projects going through the program infancy stage.

# YEA

## is Starting!

The Central New York Chapter is starting its very own Young Engineers in ASHRAE (YEA) organization. We will be distributing materials regarding YEA at our upcoming meeting on November 9<sup>th</sup>. Here are some answers to common questions about YEA:

### *Who belongs to **YEA**?*

Anyone who is an ASHRAE member under the age of 35, including students. If you're under 35 and an ASHRAE member, congratulations! You are a YEA member.

What can YEA and the CNY Chapter do for me?

1. Free attendance at local ASHRAE events – the ASHRAE CNY chapter will cover the cost of your first chapter meeting
2. Technical Programs
3. Mentors
4. Leadership Opportunities
5. Networking
6. Fun

### *Where are **YEA** meetings held?*

Locally, we're planning on combining YEA Meetings with Chapter Meetings. Eventually, we plan on scheduling more separate YEA events apart from the local chapter. Examples from other chapters include happy hours, mini-golf, plant tours, and educational seminars.

Nationally, there are two annual YEA leadership weekends (YLW). The most recent YLW was 9/30/2011-10/2/2011 in Atlanta. The next leadership weekend is scheduled for Spring 2011 in San Diego. YEA members also have the opportunity to shadow senior ASHRAE Officers at the semi-annual ASHRAE society meetings through ASHRAE "Leadership U".

### *When are **YEA** meetings held?*

For now, YEA meetings will be local chapter meetings. Meetings are held on the 2<sup>nd</sup> Wednesday of every month at the Double Tree at Carrier Circle. The next meeting is scheduled for Wednesday, November 9.

### *Why bother participating in **YEA**?*

YEA is a great way to advance your career and meet other young engineers. The society won't be successful without your involvement. Participation in ASHRAE provides a spectacular opportunity to build your career in HVAC/R. Consider these benefits of participation in ASHRAE:

- Technology Acquisition
- Professional Growth
- Networking
- Career Advancement

For more information about YEA, contact Richard Kimball at:  
rkimball@bergmannpc.com or  
by phone at 315-422-5200 x765.



## Historically Speaking

# Central New York Chapter Geographical Boundaries

Once again the question of Chapter boundaries came up for discussion at our Board of Governors meeting last month. Fortunately I had done some research and had written two articles in the past ten years on this subject. Here's what I wrote:

Our Chapter area, as assigned by ASHRAE, consists of these 14 counties in the center of New York State: Onondaga, Cortland, Madison, Oswego, Cayuga, Lewis, Jefferson, Herkimer, St. Lawrence, Chenango, Oneida, Otsego, Franklin, and Hamilton. The boundary on the west is a few miles west of Auburn, runs north to Lake Ontario and then follows the St. Lawrence River to Massena along the New York border with Canada. From there, our eastern boundary runs south on an irregular line towards the east side of Utica to just below Oneonta. Our southern boundary then follows county borders to the west towards the Finger Lakes, and comes close to, but does not include, Binghamton or Ithaca.

The Central New York Chapter area included Rochester until 1956 when the Rochester Section of ASRE was formed. In 1959 this became the Rochester ASHRAE Chapter when ASHRAE was formed. We also lost the Twin Tiers area in 1977, including Binghamton and Ithaca, when the Twin Tiers ASHRAE Chapter was formed. Our 14 counties cover almost 17,000 square miles which is about  $\frac{1}{3}$  of the area of New York State, still a sizable area.

Paul E. Britton  
*Chapter Historian*

## Student Activities

Our November meeting was very exciting for student activities. Canton College staff and students attended our meeting and had a great chance to mingle with other members and guests. They also learned a little bit about ASHRAE from our Region 1 DRC Spenser Morasch, who did a power point presentation on how ASHRAE works.

We also awarded three, two years scholarships. All of the winners being from Canton College.

- ❖ Bryce Lever was awarded the Harry King Award for \$750
- ❖ Tom Roux and Colton Taylor were awarded the other two scholarships for \$500 each.

We will be sending out the four year scholarships soon to the colleges with four year programs. We hope to get some interested applicants and award these scholarships at our Student Chapter Night meeting in February. If you know of any young people or students that might be interested in joining our CNY Chapter or apply for a scholarship, please feel free to contact myself or our YEA chair person Richard Kimball. We need young people to get involved in ASHRAE!

The CNY Chapter wants to thank the Scholarship Committee for their diligent work and tough decision making on selecting the award winners. Congratulations to all of the winners and thank you for your participation in ASHRAE.

Jim Hart  
*Student Activities Chair*



# Holiday Party at Coleman's!

Be sure to mark your calendars for these upcoming events. Interesting tours, informative lectures, networking opportunities and don't miss our holiday party at Coleman's!

**Thursday, December 15, 2011, 5:30 p.m. – ?? p.m.**

Coleman's Irish Pub

100 South Lowell Avenue, Syracuse, NY 13204

**Buffet Menu:** Garden Salad, Roasted Potatoes, Chicken Marsala, Balsamic Salmon, Top Round of Beef, Chocolate Parfait.

**Cost:** \$35 (cash bar)

*Bring your spouse/significant other and join us for some fun at Coleman's for our annual Holiday Party – hope to see you there!*

*We strongly encourage you to pay in advance with a credit card through the Chapter web site using PayPal. A PayPal account is not required. If you prefer you may still pay at the door with cash or check.*

## Upcoming Programs

### Dinner Meeting

Wednesday, January 11, 2012

Membership Promotion Night

Tour of the Carrier TIEQ Lab (at the Syracuse Center of Excellence)

**Tour Location:** Syracuse Center of Excellence

727 E. Washington Street, Syracuse, NY 13210

Location: Dinosaur Barbeque (Willow Room)

**Times:** 5:30 – 6:30 p.m. Tour

6:45 – 7:45 p.m. Dinner

6:45 – 7:00 p.m. ASHRAE Business

### Dinner Meeting

Wednesday, February 8, 2012

Student Chapter Night

Peter Bailey (DEI Controls)

Hybrid Refrigeration Systems

**Location:** Doubletree Hotel Syracuse

6302 State Rte. 298, Carrier Pkwy East, Syracuse, NY 12205

**Times:** 5:30 – 6:00 p.m. Social Hour (cash bar)

6:00 – 6:30 p.m. Dinner

6:30 – 6:45 p.m. ASHRAE Business

6:45 – 8:00 p.m. Main Program

### Dinner Meeting

Wednesday, March 14, 2012

History Night & Chapter Officer Slate Announcement

Jerry Groff (ASHRAE Historical Committee)

Topic - TBA

**Location:** Doubletree Hotel Syracuse

6302 State Rte. 298, Carrier Pkwy East, Syracuse, NY 12205

**Times:** 5:30 – 6:00 p.m. Social Hour (cash bar)

6:00 – 6:30 p.m. Dinner

6:30 – 6:45 p.m. ASHRAE Business

6:45 – 8:00 p.m. Main Program

### Dinner Meeting

Wednesday, April 11, 2012

Research Promotion Night & Chapter Officer Election

Thomas M. Lawrence, Ph.D., P.E., LEED® AP (ASHRAE

Distinguished Lecturer)

"The New ASHRAE Standard 189.1-2009 for

High Performance Green Buildings"

**Location:** Doubletree Hotel Syracuse

6302 State Rte. 298, Carrier Pkwy East, Syracuse, NY 12205

**Times:** 5:30 – 6:00 p.m. Social Hour (cash bar)

6:00 – 6:30 p.m. Dinner

6:30 – 6:45 p.m. ASHRAE Business

6:45 – 8:00 p.m. Main Program

### Dinner Meeting

Wednesday, May 9, 2012

Chapter Officer Installation

TOUR of the Syracuse University Building Energy and Environmental Systems Laboratory

**Tour Location:** Syracuse University – BEESL Lab

263 Link Hall (Room 320), Syracuse, NY 13244

**Location:** Dinosaur Barbeque (Willow Room)

246 W Willow Street, Syracuse, NY 13202

**Times:** 5:30 – 6:30 p.m. Tour

6:45 – 7:45 p.m. Dinner

6:45 – 7:00 p.m. ASHRAE Business

# NEW YORK STATE GREEN BUILDING CONFERENCE

10TH ANNUAL | 2012

## A CALL FOR ABSTRACTS

### Abstract Submission for Oral Presentations

The New York State Green Building Conference Abstract Selection Committee is currently seeking presentation proposals for the two day 10th Annual New York State Green Building Conference.

Presentations for the 2012 conference should fit into a 50 minute time slot with time for Q&A, and be applicable to one of the following four conference tracks:

- Green Building for Commercial Construction
- Green Building for Residential Construction
- Green Building Chemistry
- Deconstruction

Within these tracks is the potential for a variety of topics. Submissions could include topics such as energy retrofits, O&M, energy management, LEED, building ventilation, energy efficiency, building science, green materials, renewable energy, case studies, construction management for green buildings, or the costs of green building.

To see topics from last year's conference, please visit [www.esf.edu/greenbuilding/2011/agenda.htm](http://www.esf.edu/greenbuilding/2011/agenda.htm)

**New and innovative topics that meet the intent and purpose of this conference are highly encouraged.**



State University of New York  
College of Environmental Science and Forestry



New York Upstate  
Chapter

**March 29-30, 2012**

**Oncenter Complex  
Syracuse, NY**

**[www.nysgreenbuilding.org](http://www.nysgreenbuilding.org)**

**Presentation abstracts should be submitted  
by October 21, 2011 to  
[abstractsubmission@nysgreenbuilding.org](mailto:abstractsubmission@nysgreenbuilding.org)**

The schedule for selection of abstracts is as follows:

- Abstract submission deadline: **October 21, 2011**
- Notification of selected abstracts: **November 11, 2011**
- Signed presenter acceptance letters due to ESF Outreach: **December 16, 2011**
- Semi-final draft copy of presentations due to be reviewed for continuing education credits: **February 10, 2012**
- 10<sup>th</sup> Annual New York State Green Building Conference: **March 29-30, 2012**

If you have any questions about the conference, please contact Ms. Emily Gillis at [elgillis@esf.edu](mailto:elgillis@esf.edu) or (315) 470-6817.

**We look forward to seeing you in 2012!**





# Join ASHRAE

[www.ashrae.org/join](http://www.ashrae.org/join)

- Network with industry leaders
- Receive continuing education credits – PDHs and CEUs
- Gain access to technological advancements in building systems
- Receive member benefits like the ASHRAE Journal & Handbooks

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*The CNY Chapter accepts business card advertising in this monthly newsletter. Send us your business card (or text for a line card) and we'll scan it in. For \$50 your card will run in the newsletter for the year (through our May newsletter). Send your ad and payment to: ASHRAE Newsletter, Advertising, P.O. Box 2396, Syracuse, NY 13220. If you have a digital card (or questions), email it to the Treasurer: [c010tr@ashrae.net](mailto:c010tr@ashrae.net).*



# THE GRILLROOM CHOPHOUSE & WINEBAR



ASHRAE WINTER MEETING 2012  
REGION I DINNER

Chicago is known for Steaks. Join the members of Region I for Dinner at a near by steakhouse for an evening of fun. Please RSVP by January 18th, 2012 to Heather Nowakowski via e-mail [heather.nowakowski@roswellpark.org](mailto:heather.nowakowski@roswellpark.org). Clips of the menu are below:

**SUNDAY JANUARY  
22, 2012**

**7:00 PM**

**33 W MONROE ST,  
CHICAGO, IL 60603  
(BTWN S STATE &  
DEARBORN ST)**

## SEAFOOD

HORSERADISH CRUSTED SALMON / White Wine Thyme Broth	22
AMERICAN WHITEFISH / Lemon Caper Butter	19
AHI TUNA / Roasted Eggplant / Red Wine Reduction	29
LAUGHING BIRD SHRIMP / DeJoghne Style	26
RAINBOW TROUT / King Crab Crust / Srirachi Butter	25

## THEATRE FAVORITES

LEMON-ROSEMARY CHICKEN / Vesuvio Potatoes	19
HERB-PARMESAN CRUSTED VEAL CHOP / Arugula Salad	39
BABY BACK RIBS / 5 Spice Ginger BBQ Sauce HALF	15 FULL 22
APPLE BACON WRAPPED MEATLOAF / Shitake Demi	18
BUCANTINI FRESCA / Cherry Tomatoes / Fresh Basil / Mozzarella	16
BEEF STROGANOFF / Filet Tips / Parpadelle / Veal Redux	21
FARM FRESH VEGETABLE PLATE / Chef's Creation	18

## SIDES AND VEGETABLES

WOOD SMOKED MUSHROOM & ONIONS / Veal Demi Butter	8
STEAMED OR GRILLED ASPARAGUS / Lemon Butter	9
BROCCOLINI-SPINACH DUO / Olive Oil / Roasted Garlic	8
FRESH SHUCKED CREAMED CORN	9
CRISPY YUKON GOLDS / Parmesan Herbs	8
MICHIGAN WILD RICE / Sun Dried Cranberries	7
RED FLANNEL HASH / Caramelized Onions / Apple Bacon	9
BUTTERY YUKON MASHED POTATOES	8
GIANT BAKED POTATO / Sweet Onion Butter	8

## MEAT AND CHOPS

SINGLE CUT FILET 8OZ	29
DOUBLE CUT FILET 12OZ	39
BONE IN FILET MEDALLIONS	36
NY STRIP 14OZ	41
RIB EYE (TOMAHAWK BONE IN) 26OZ	49
PORTERHOUSE 22OZ	54
CENTER CUT SIRLOIN 8OZ	27
BUTCHER BLOCK PORK CHOP	24
AUSTRALIAN LAMB T-BONES	31

## ADDITIONS

OSCAR STYLE	15
SURF N TURF ANY STEAK WITH 6OZ. LOBSTER TAIL	24
GRILLED JUMBO SHRIMP SKEWER	12
FRIED EGG	3
WOOD SMOKED MUSHROOMS	4

## SAUCES

Béarnaise  
Roquefort  
Peppercorn  
Horseradish Cream  
Chimichurri  
Red Wine Demi  
5 Spice BBQ  
ADD 2 EACH

## STEAK TEMPS

RARE	Red Cool Center
MEDIUM RARE	Red Warm Center
MEDIUM	Pink Hot Center
MEDIUM WELL	Hot Slightly Pink Center
WELL DONE	Cooked Throughout

Dinner is within walking distance of the Palmer House. The bill will be one check per table, please bring cash to cover the semi-annual "dutch treat" dinner.

**Reserve your spot TODAY...**

Contact: Heather L. Nowakowski

E-mail: [heather.nowakowski@roswellpark.org](mailto:heather.nowakowski@roswellpark.org)





**Central NY ASHRAE**  
**Board of Governors Meeting**  
Minutes from November 9, 2011

Location: Doubletree Hotel, Syracuse, NY.

Attendees: **Steve Sill, Paul Britton, Charlie Bertuch, Brett Fero, Richard Kimball, Don Middleton, Mark Yonnick, Jim Hart, Rae Butler, Bill Walter, Spenser Morasch (Region 1 DRC), Don Howell, Mike Kingsley**

Absent: **None**

Meeting Started: 4:30 PM November 9, 2011

President's Opening Comments:

Steve thanked board for all their hard work, especially to Jim Hart for scholarships.

Spenser Morasch Director and Regional Chair – first visit in many years. Goal is to visit all 15 chapters in region. Has score sheet to compare regions to others. Will distribute to Steve Sill who can circulate. Will provide update on society level initiatives at dinner.

Discussion on merging with NEBB – received split input from membership, agreed to pursue joint activities rather than formally merge.

Surveys to membership on image, but major announcement at Winter Meeting.

Bill Walter motion to approve October meeting minutes, Second by Mark Yonnick. Approved 11 – 0.

Reports for Individual Positions were as follows:

Treasurer: Presentation from Maureen Novak/Cole Henderson of Morgan Stanley/Smith  
(Brett Fero) Barney (MS/SB).

Have helped ASHRAE with financial management since 1987. Investment account is similar to ASHRAE national account. MS/SB matches Chapter investment portfolio with National annually.

Portfolio Report was discussed – Chapter net return (approximately 5%) better than National returns and follow National Portfolio guidelines.

Risk Management Report was reviewed.

Recommendation – exchange out of US Treasury index and into broad bond index (approximately 8.5% of portfolio). Board will consider motion to exchange Treasury Inflation Protected Securities index to broad based bond index.